

# Ignition Coil Tester

Tools & Test Equipment for Ignition Systems



# General Information



## Ignition Coil Tester

This test equipment is designed to offer service companies a professional tool to test all different kinds of ignition coils that were sold by engine manufacturers or aftermarket companies. A built in CD ignition, high voltage clamp and a spark gap allow realistic testing.

With the included grounding probe, the insulation of the ignition coils can be checked for defects. This way, you can detect even cracks that are invisible to the naked eye. In addition, you can verify the values for the secondary voltage and the spark duration with an oscilloscope.

The ignition coil tester can be individually equipped with optionally available adaptor kits for testing different kinds of ignition coils.



## Characteristics & Features

- Built-in CD ignition
- Primary voltage adjustable with potentiometer
- Built-in inductive voltage clamp
- Variable spark gap
- Grounding probe for surface scan
- BNC connector for connection of an oscilloscope
- 110/230 VAC powered
- Packaged in rigid portable aluminum case
- Various adaptor kits for different ignition coils optional available

## Overview

- 1 Test adaptors for ignition coils can be stowed in the aluminium case
- 2 Grounding probe
- 3 Voltage supply (110 to 230 V)
- 4 Measuring output (high voltage)
- 5 Measuring output (primary voltage)
- 6 Spark gap
- 7 Button for ignition
- 8 Potentiometer for adjusting primary voltage
- 9 Test adaptor mount for ignition coil to be tested
- 10 Primary voltage terminal for ignition coil
- 11 Main switch for test system



# Ordering Information



In operation with flange coil adaptor



In operation with CATERPILLAR® style coil adaptor

2-Channel digital scope  
(not included in scope of supply)

## Ordering Information – Ignition Coil Tester<sup>1)</sup>

P/N	Description
06.98.054	Ignition coil tester without adaptor kits

<sup>1)</sup> Adaptor kits required for ignition coil testing are not included in the scope of supply. Please observe the table below and order the required adaptor kits separately.

## Ordering Information – Adaptor Kits – Standard

P/N Adaptor Kit	06.98.054-1	06.98.054-2	06.98.054-3	06.98.054-4	06.98.054-5	06.98.054-6	06.98.054-7
For use with	CATERPILLAR® Style Ignition Coils	ALTRONIC® Style Ignition Coils	MOTORTECH Style Ignition Coils	Flange Ignition Coils	Integral Ignition Coils with outer thread	Integral Ignition Coils with inner thread	Externally Mounted Ignition Coils
Connection Ignition Coil	DEUTSCH® connector	2 pole	2 pole	MIL, 3 pole, socket, 180°	MIL, 2/3 pole, socket, 180°	MIL, 2/3 pole, socket, 180°	MIL, 2/3 pole, socket, 180°
Connection Ignition Coil Tester	XLR connector	XLR connector	XLR connector	XLR connector	XLR connector	XLR connector	XLR connector

All kits include Teflon® ignition coil adaptors and connection leads.

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